

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
1567/65558/JPW/MVMSerial No.
09/889,821

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

MAR 12 2002

Applicants
Ilan Sela and Sylvia Zeitoune-SimovichFiling Date
July 18, 2001

Group

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
Am	US 5 5 4 5 8 1 7	8/13/96	McBride et al. (Exhibit 1);	800	278	
Am	US 5 6 5 9 1 2 4	8/19/97	Crossland et al. (Exhibit 2);	435	468	

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Document Number	Date	Country	Class	Subclass	Translation
					Yes No
Am WO 9 8 3 6 0 8 3	8/20/98 (Exhibit 3);	PCT	C12N	15/82	- -
Am WO 9 8 3 4 9 5 1	8/13/98 (Exhibit 4);	PCT	C01K	14/52	- -
Am WO 9 8 5 3 0 8 3	11/26/98 (Exhibit 5);	PCT	C12N	15/63	- -
Am WO 9 7 2 7 2 9 5	7/31/97 (Exhibit 6);	PCT	C12N	15/11	- -

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Am	An, G. (1987) "Binary Ti Vectors for Plant Transformation and Promoter Analysis" <u>Methods Enzymol</u> 153: 292-305 (Exhibit 7);
Am	Baulcombe, D.C. et al. (1996) "Ectopic Pairing of Homologous DNA and Post-Transcriptional Gene Silencing in Transgenic Plants" <u>Curr. Opin. Biotechnol.</u> 7:173-180 (Exhibit 8);
Am	Boerjan, W. et al. (1994) "Distinct Phenotypes Generated by Overexpression and Suppression of S-Adenosyl-L-Methionine Synthetase Reveal Developmental Patterns of Gene Silencing in Tobacco" <u>Plant Cell</u> 6:1401-1414 (Exhibit 9);
Am	Caviedes, M.A. et al. (1994) "T7 RNA Polymerase is Expressed in Plants in a Nicked But Active Form" <u>The 4th Intl. Congress of Plant Mol. Biol.</u> Abstract #479 (Exhibit 10);

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Applicants: Ilan Sela and Sylvia
Zeitoune-Simovich
Serial No: 09/889,821
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Exhibit B

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Am	Chamberlin, M. et al. (1982) "Bacteriophage DNA-Dependent RNA Polymerases" in 15 <u>The Enzymes</u> 87-108 (Boyer P.D. ed., Academic Press) (Exhibit 11);
	Cox, K.H. et al. "Analysis of Plant Gene Expression"-in <u>Plant Molecular Biology, A Practical Approach</u> 1-35 (Shaw, C.H. ed., IRL Press) (Exhibit 12);
Am	De Carvalho-Niebal, F. et al. (1995) "Post-Transcriptional Cosuppression of β -1,3-Glucanase Genes Does Not Affect Accumulation of Transgene Nuclear mRNA" <u>Plant Cell</u> 7:347-358 (Exhibit 13);
Am	Depicker, A. et al. (1997) "Post-transcriptional Gene Silencing in Plants" <u>Curr. Opin. Cell Biol.</u> 9:373-382 (Exhibit 14);

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Am	Dunn, J.J. et al. (1983) "Complete Nucleotide Sequence of Bacteriophage T7 DNA and the Locations of T7 Genetic Elements" <u>J. Mol. Biol.</u> 166 :477-535 (Exhibit 15);
Am	Dunn, J.J. et al. (1988) "Targeting Bacteriophage T7 RNA Polymerase to the Mammalian Cell Nucleus" <u>Gene</u> 68 :259-266 (Exhibit 16);
Am	Flavell, R.B. et al. (1994) "Inactivation of Gene Expression in Plants as a Consequence of Specific Sequence Duplication" <u>Proc. Natl. Acad. Sci. USA</u> 91 :3490-3496 (Exhibit 17);
Am	Fuerst, T. R. et al. (1987) "Use of a Hybrid Vaccinia Virus-T7 RNA Polymerase System for Expression of Target Genes" <u>Mol. Cell. Biol.</u> 7 :2538-2544 (Exhibit 18);

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Am	Fuerst, T.R. et al. (1986) "Eukaryotic Transient-Expression System Based on Recombinant Vaccinia Virus That Synthesizes Bacteriophage T7 RNA Polymerase" <u>Proc. Natl. Acad. Sci. USA</u> 83 :8122-8126 (Exhibit 19);
Am	Gallie, D.R. et al. (1987) "The 5'-leader Sequence of Tobacco Mosaic Virus RNA Enhances the Expression of Foreign Gene Transcripts <i>In Vitro</i> and <i>In Vivo</i> " <u>Nucleic Acids Research</u> 15 :3257-3273 (Exhibit 20);
Am	Goodwin, J. et al. (1996) "Genetic and Biochemical Dissection of Transgenic RNA-Mediated Virus Resistance" <u>Plant Cell</u> 8 :95-105 (Exhibit 21);
Am	Jefferson, R.A. (1987) "Assaying Chimeric Genes in Plants: The GUS Gene Fusion System" <u>Plant Mol. Biol. Rep.</u> 5 :387-405 (Exhibit 22);

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Am	Lassner, M.W. et al. (1991) "Targeting of T7 RNA Polymerase to Tobacco Nuclei Mediated by an SV40 Nuclear Location Signal" <u>Plant Mol. Biol.</u> 17 :229-234 (Exhibit 23);
Am	Lin, C.H. et al. (1997) "Optimization of Electroporation Conditions for Expression of GUS Activity in Electroporated Protoplasts and Intact Plant Cells" <u>Plant Physiol. Biochem.</u> 35 :959-968 (Exhibit 24);
Am	Lieber, A. et al. (1989) "High Level Gene Expression in Mammalian Cells by a Nuclear T7-Phage RNA Polymerase" <u>Nucleic Acids Research</u> 17 :8485-8493 (Exhibit 25);
Am	Lindbo, J.A. et al. (1993) "Induction of a Highly Specific Antiviral State in Transgenic Plants: Implications for Regulation of Gene Expression and Virus Resistance" <u>Plant Cell</u> 5 :1749-1759 (Exhibit 26);

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Am	Matzke, M.A. et al. (1994) "Inactivation of Repeated Genes-DNA-DNA Interaction?" in <u>Homologous Recombination and Gene Silencing in Plants</u> 271-307 (J. Paszkowski ed., Kluwer Academic Publishers) (Exhibit 27);
Am	Matzke, M.A. (1990) "Gene Interactions and Epigenetic Variation in Transgenic Plants" <u>Dev. Genet.</u> 11 :214-223 (Exhibit 28);
Am	Matzke, M.A. et al. (1989) "Reversible Methylation and Inactivation of Marker Genes in Sequentially Transformed Tobacco Plants" <u>EMBO J.</u> 8 :643:649 (Exhibit 29);
Am	Matzke, M.A. et al. (1993) "A Variety of Epistatic Interactions Can Occur Between Partially Homologous Transgene Loci Brought Together by Sexual Crossing" <u>Mol. Gen. Genet.</u> 236 :379-386 (Exhibit 30);

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Am	McBride, K.E. et al. (1994) "Controlled Expression of Plastid Transgenes in Plants Based on a Nuclear DNA-encoded and Plastid-targeted T7 RNA Polymerase" <u>Proc. Natl. Acad. Sci. USA</u> 91 :7301-7305 (Exhibit 31);
Am	Metzlaff, M. et al. (1997) "RNA-Medicated RNA Degradation and Chalcone Synthase a Silencing in Petunia" <u>Cell</u> 88 :845-854 (Exhibit 32);
Am	Meyer, P. et al. (1996) "Homology-Dependent Gene Silencing In Plants" <u>Annu. Rev. Plant Physiol. Plant Mol. Biol.</u> 47 :23-48 (Exhibit 33);
Am	Moffatt, B.A. et al. (1984) "Nucleotide Sequence of the Gene for Bacteriophage T7 RNA Polymerase" <u>J. Mol. Biol.</u> 173 :265-269 (Exhibit 34);
Am	Montgomery, M.K. et al. (1998) "Doubled-stranded RNA as a Mediator in Sequence-Specific Genetic Silencing and Co-suppression" <u>Trends in Genetics</u> 14 :255-258 (Exhibit 35);

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Am	Moss, B. et al. (1990) "New Mammalian Expression Vectors" <u>Nature</u> 348 :91-92 (Exhibit 36);
Am	Mueller, E. et al. (1995) "Homology-dependent Resistance: Transgenic Virus Resistance in Plants Related to Homology-dependent Gene Silencing" <u>Plant J.</u> 7 :1001-1013 (Exhibit 37);
Am	Murashige, T. et al. (1962) "A Revised Medium for Rapid Growth and Bio Assays with Tobacco Tissue Cultures" <u>Physiol. Plant.</u> 15 :473-497 (Exhibit 38);
Am	Napoli, C. et al. (1990) "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes <i>in trans</i> " <u>Plant Cell</u> 2 :279-289 (Exhibit 39);

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EXHIBIT A-1															EXHIBIT B-1				
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													Yes	No					

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Am	Smith, C.J.S. et al. (1990) "Expression of a Truncated Tomato Polygalacturonase Gene Inhibits Expression of the Endogenous Gene in Transgenic Plants" <u>Mol. Gen. Genet.</u> 224 :477-481 (Exhibit 40);
Am	Stam, M. et al. (1997) "The Silence of Genes in Transgenic Plants" <u>Ann. Bot.</u> 79 :3-12 (Exhibit 41);
Am	Studier, F.W. et al. (1986) "Use of Bacteriophage T7 RNA Polymerase to Direct Selective High-level Expression of Cloned Genes" <u>J. Mol. Biol.</u> 189 :113-130 (Exhibit 42);
Am	Tabor, S. et al. (1985) "A Bacteriophage T7 RNA Polymerase/Promoter System for Controlled Exclusive Expression of Specific Genes" <u>Proc. Natl. Acad. Sci. USA</u> 82 :1074-1078 (Exhibit 43);

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Am	Tanzer, M.M. et al. (1997) "Characterization of Post-Transcriptionally Suppressed Transgene Expression That Confers Resistance to Tobacco Etch Virus Infection in Tobacco" <u>Plant Cell</u> 9:1411-1423 (Exhibit 44);
Am	Tuttle, A. et al. (1994) "Expression of T7 Transcripts in Plant Cells By Bacteriophage T7 RNA Polymerase" <u>The 4th Intl. Congress of Plant Mol. Biol.</u> Abstract#478 (Exhibit 45);
Am	Van Blokland R. et al. (1994) "Transgene-mediated Suppression of Chalcone Synthase Expression in <i>Petunia hybrida</i> Results from an Increase in RNA Turnover" <u>Plant J.</u> 6:861-877 (Exhibit 46);
Am	Vardi, E. et al. (1993) "Plants Transformed with a Cistron of a Potato Virus Y Protease (NIa) are Resistant to Virus Infection" <u>Proc. Natl. Acad. Sci. USA</u> 90:7513-7517 (Exhibit 47);

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